IN THE SPECIFICATION

Page 9,   line 1, change "third" to --fourth--;
            line 3, change "first and second" to --second and
third--;
            line 4, change "second and third nodes is" to --first
and second and the third and fourth nodes are--.

Page 11,   line 15,   change "20" to --20'--.

Page 15,   line 14,   change "Figure" to --Figures--;
            line 19,   change "5" to --26--;
            line 21,   change "5" to --26--; and
            line 23,   change "Figure" to --Figures--.

Page 24,   line 9,   change "relays" to --delays--;
            line 14,   change "searching" to --SEARCHING--; change
                        "stable" to --STABLE--;
            line 15,   change "In stable" to --In the STABLE--;
            line 17,   change "searching" to --SEARCHING--;
            line 18,   change "searching" to --SEARCHING--; and
            line 21,   change "a stable" to --the STABLE--.

Page 25,   line 23,   change "prior" to --subsequent--.

Page 28,   line 6,   change "last" to --next--.

Page 29,   line 11,   after "to a" insert --single--; and
            line 12,   after "ten packets," insert --at a selected
frequency F--.

Page 30,   line 10,   after "state" insert --(NON_RESP)--;
           line 20,   insert --F-- after "frequency"; and
           line 23,   insert --F-- after "frequency".

Page 31,   line 16,   after "credit indication" insert --code D
indicating a dedicated channel at frequency F--.

IN THE CLAIMS

       Please add the following new claims 26-32:

1   --26.   In a full-duplex asymmetric network communication
2   system for transferring information between a host server and a
3   plurality of remote clients over a shared medium and wherein said
4   remote clients include respective remote link adapters for
5   receiving high speed downstream information from said host server
6   over said shared medium and for transmitting lower speed return
7   information over an upstream channel, and wherein said network
8   communication system includes a hybrid access system for providing
9   interactive network sessions in downstream and upstream
10   communication channels,
11   a method of transmitting data from an
12   upstream transmit queue in an upstream transmitter node to a
13   selected receiver node located at a receiving end, said method
14   comprising the steps of:

15   transmitting selected amounts of packet data from a transmit

16.   queue in said transmitter node to said receiver node wherein said

17   receiver node includes a transmit queue for transmitting

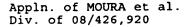18   acknowledgments to a transmitter node,

19   generating acknowledgments of packet data received by said

20   receiver node,

21   eliminating from the transmit queue of the receiver node

22   packet data acknowledgments which are redundant of other packet

23   data acknowledgments in said second transmit queue, and

24   filling open transmit queue spaces with additional packet

25   data.

1   27. In a full-duplex asymmetric network communication

2   system for transferring information between a host server and a

3   plurality of remote clients over a shared medium and wherein said

4   remote clients include respective remote link adapters for

5   receiving high speed downstream information from said host server

6   over said shared medium and for transmitting lower speed return

7   information over an upstream channel, and wherein said network

8   communication system includes a hybrid access system for providing

9   interactive network sessions in downstream and upstream

10   communication channels,

11   a method of reducing upstream data

4

12 transmission, the method comprising the steps of:

13   at a receiver node having a transmit queue,

14   (a) receiving a data packet from an upstream transmitter;

15   (b) generating an acknowledge packet indicating receipt of

16 all data packets in a sequence of packets up to and including said

17 received data packet;

18   (c) inserting said acknowledge packet into said transmit

19 queue; and

20   (d) removing from said transmit queue redundant acknowledge

21 packets.

1   28. A method as in claim 27 further comprising the step of

2   (e) filling open transmit queue spaces with additional data

3 packets.

1   29. A method as in claim 27 wherein said received data

2 packet is one of a plurality of data packets which comprise a

3 stream of data items, wherein each data packet includes a

4 consecutive sequence of some of said data items and wherein each

5 data packet contains an indication of the last data item of said

6 stream of data items which said data packet contains.

5

1   30. A method as in claim 29 wherein said indication

2 associated with each data packet is contained in a header for that

3 data packet.

1   31. A method as in claim 30 wherein said step of generating

2 comprises the step of:

3   obtaining the header from said received data packet, and

4 wherein said step of removing redundant acknowledge packets

5 comprises the step of:

6   comparing the header of the received data packet with headers

7 in the transmit queue.

      32. A method as in claim 30 wherein said header is a TCP

header.--

REMARKS

By preliminary amendment to be entered before fee

calculation, claims 1-16 and 18-25 were cancelled without

prejudice or disclaimer. New claims 26 through 32 are added by

this amendment.

Note that along with the original application and drawings as

filed in the parent case are a new Power of Attorney from Assignee